

Datasheet for ABIN7549389

MLX Protein (AA 1-298) (His tag)



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Overview

Quantity:	1 mg
Target:	MLX
Protein Characteristics:	AA 1-298
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MLX protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MLX Protein expressed in mammalian cells.
Sequence:	MTEPGASPED PWVKASPVGA HAGEGRAGRA RARRGAGRRG ASLLSPKSPT LSVPRGCRED SSHPACAKVE YAYSDNSLDP GLFVESTRKG SVVSRANSIG STSASSVPNT DDESDYHQE AYKESYKDRR RRAHTQAEQK RRDAIKRGYD DLQTIVPTCQ QQDFSIGSQK LSKAIVLQKT IDYIQFLHKE KKKQEEEVST LRKDV TALKI MKVNYEQIVK AHQDN PHEGE DQVSDQVKFN VFQGIMDSLF QSFNASISVA SFQELSACVF SWIEEHCKPQ TLREIVIGVL HQLKNQLY Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	MLX
Alternative Name:	MLX (MLX Products)
Background:	Max-like protein X (Class D basic helix-loop-helix protein 13) (bHLHd13) (Max-like bHLHZip protein) (Protein BigMax) (Transcription factor-like protein 4),FUNCTION: Transcription regulator. Forms a sequence-specific DNA-binding protein complex with MAD1, MAD4, MNT, WBSCR14 and MLXIP which recognizes the core sequence 5'-CACGTG-3'. The TCFL4-MAD1, TCFL4-MAD4, TCFL4-WBSCR14 complexes are transcriptional repressors. Plays a role in transcriptional activation of glycolytic target genes. Involved in glucose-responsive gene regulation. {ECO:0000269 PubMed:10593926, ECO:0000269 PubMed:12446771, ECO:0000269 PubMed:16782875}.
Molecular Weight:	33.3 kDa
UniProt:	Q9UH92

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months